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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended September 29, 1989 NO. 39

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/29/89	Last Week Ending: 09/22/89	Last Year Week Ending: 09/30/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,862	13,916	13,522	-54	340
Operable capacity	15,576	15,576	15,917	0	-341
Percent operated	89.0	89.3	85.0		
Motor Gasoline					
Total motor gasoline production	6,877	7,264	6,834	-387	43
Finished leaded motor gasoline production	633	710	1,184	-77	-551
Finished unleaded motor gasoline production	6,244	6,554	5,650	-310	594
Total motor gasoline stocks	223,741	219,198	221,535	4,543	2,206
Finished leaded motor gasoline stocks	21,774	22,106	41,635	-332	-19,861
Finished unleaded motor gasoline stocks	161,715	158,890	141,432	2,825	20,283
Jet Fuel Kerosine					
Jet fuel kerosine production	1,168	1,247	1,239	-79	-71
Jet fuel kerosine stocks	40,065	42,076	41,537	-2,011	-1,472
Distillate Fuel Oil					
Distillate fuel oil production	2,922	3,008	2,846	-86	76
Distillate fuel oil stocks	122,923	122,811	129,833	112	-6,910
Residual Fuel Oil					
Residual fuel oil production	849	905	934	-56	-85
Residual fuel oil stocks	44,792	44,273	44,364	519	428
Imports					
Crude oil imports	6,391	5,611	5,663	780	728
Product imports	1,815	1,835	1,961	-20	-146
Crude Oil Stocks					
Crude oil stocks	333,340	331,652	324,247	1,688	9,093
Crude Supply Balance	219				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,426	1,231	1,252	1,325	94.5
Appal. No. 1	89	84	84	109	77.1
DISTRICT 1 TOTAL	1,515	1,315	1,336	1,434	93.2
Ind., Ill., Ky.	2,055	1,979	1,982	2,198	90.2
Minn., Wisc., Daks.	324	312	314	337	93.2
Okla., Kans., Mo.	722	686	691	730	94.7
DISTRICT 2 TOTAL	3,101	2,977	2,987	3,265	91.5
Inland Texas	593	513	513	555	92.4
Texas Gulf Coast	3,659	3,207	3,219	3,477	92.6
La. Gulf Coast	2,571	2,293	2,333	2,938	79.4
N. La. and Ark.	166	152	152	247	61.5
New Mexico	87	76	78	76	102.6
DISTRICT 3 TOTAL	7,076	6,241	6,295	7,293	86.3
DISTRICT 4 TOTAL	522	504	504	546	92.3
DISTRICT 5 TOTAL	2,740	2,666	2,740	3,038	90.2
TOTAL U.S.	14,954	13,703	13,862	15,576	89.0
TOTAL U.S. Weeks Ended:					
SEP. 22, 1989	15,056	13,747	13,916	15,576	89.3
SEP. 30, 1988	14,556	13,362	13,522	15,917	85.0
DISTRICTS 1-4 Weeks Ended:					
SEP. 29, 1989	12,214	11,037	11,122	12,538	88.7
SEP. 22, 1989	12,403	11,177	11,263	12,538	89.8
SEP. 30, 1988	11,686	10,655	10,767	12,686	84.9

API WEEKLY STATISTICAL BULLETIN

Week Ended September 29, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	654	8	646	12	99	290	128
Appal. No. 1	37	5	32	--	--	31	3
DISTRICT 1 TOTAL	691	13	678	12	99	321	131
Ind., Ill., Ky.	1,085	31	1,054	6	78	436	53
Minn., Wisc., Daks.	161	31	130	1	7	69	14
Okla., Kans., Mo.	357	76	281	9	57	170	6
DISTRICT 2 TOTAL	1,603	138	1,465	16	142	675	73
Inland Texas	293	45	248	29	40	116	11
Texas Gulf Coast	1,587	76*	1,511*	60	288	650	213
La. Gulf Coast	1,161	62	1,099	25	263	489	94
N. La. and Ark.	42	--	42	5	4	42	4
New Mexico	42	7	35	7	2	17	1
DISTRICT 3 TOTAL	3,125	190*	2,935*	126	597	1,314	323
DISTRICT 4 TOTAL	233	66	167	17	25	141	7
DISTRICT 5 TOTAL	1,225	226	999	69	305	471	315
TOTAL U.S.	6,877	633	6,244	240	1,168	2,922	849
TOTAL U.S. Weeks Ended:							
SEP. 22, 1989	7,264	710*	6,554*	213	1,247	3,008	905
SEP. 30, 1988	6,834	1,184	5,650	185	1,239	2,846	934
DISTRICTS 1-4 Weeks Ended:							
SEP. 29, 1989	5,652	407	5,245	171	863	2,451	534
SEP. 22, 1989	6,086	432*	5,654*	140	902	2,573	547
SEP. 30, 1988	5,626	910	4,716	145	862	2,396	565

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 29, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,959	19	3,939	1	73	543	6,544	956	--
Central Atlantic	25,802	397	20,413	4,992	457	4,515	28,913*	16,889	12,263
Lower Atlantic	31,683*	2,054	29,303*	326	791	5,792	14,341	2,218	411
DISTRICT 1 TOTAL	61,444*	2,470	53,655*	5,319	1,321	10,850	49,798*	20,063	12,674
DISTRICT 2 TOTAL	61,409	7,633	44,344	9,432	929	8,678	31,428	2,991	17,303
DISTRICT 3 TOTAL	66,194	4,366*	45,465*	16,363	2,483	14,443	28,548	13,559	49,627
DISTRICT 4 TOTAL	6,255	1,780	2,647	1,828	410	814	2,757	567	2,325
DISTRICT 5 TOTAL	28,439	5,525	15,604	7,310	1,804	5,280	10,392	7,612	23,187
TOTAL U.S.	223,741	21,774	161,715	40,252	6,947	40,065	122,923	44,792	105,116
TOTAL U.S. Weeks Ended:									
SEP. 22, 1989	219,198*	22,106*	158,890*	38,202	6,565	42,076	122,811*	44,273	103,980
SEP. 30, 1988	221,535	41,635	141,432	38,468	6,637	41,537	129,833	44,364	108,177
DISTRICTS 1-4 Weeks Ended:									
SEP. 29, 1989	195,302	16,249	146,111	32,942	5,143	34,785	112,531	37,180	81,929
SEP. 22, 1989	191,042*	16,675*	143,643*	30,724	4,756	36,476	112,843*	36,996	81,137
SEP. 30, 1988	190,972	34,863	125,477	30,632	4,793	34,208	116,992	35,603	79,258

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended September 29, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 29, 1989	4,624.0	4,799.0	6,159	587	254,434
SEP. 22, 1989	4,624.0	--	5,317*	650	254,560
SEP. 15, 1989	4,624.0	--	6,158	593	255,434
SEP. 8, 1989	4,624.0	--	5,987	567	258,936
DISTRICT 5 TOTAL					
SEP. 29, 1989	2,916.0	2,983.0	232	36	78,906 #
SEP. 22, 1989	2,916.0	--	294	43	77,092*
SEP. 15, 1989	2,916.0	--	279	--	73,525
SEP. 8, 1989	2,916.0	--	559	15	79,636
TOTAL U.S.					
SEP. 29, 1989	7,540.0	7,782.0	6,391	623	333,340 #
SEP. 22, 1989	7,540.0	--	5,611*	693	331,652*
SEP. 15, 1989	7,540.0	--	6,437	593	328,959
SEP. 8, 1989	7,540.0	--	6,546	582	338,572
SEP. 30, 1988	7,895.0 a/	--	5,663	617	324,247

#INCLUDES 22,310 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	Positive	Negative
SEP. 29, 1989	219	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 29, 1989	13,993	70,276	158,405	11,760	254,434	78,906 #	333,340 #
SEP. 22, 1989	13,587	69,395	159,793	11,785	254,560	77,092*	331,652*
SEP. 30, 1988	15,501	62,927	154,809	11,587	244,824	79,423	324,247

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	136	--	136	--	--	--	45	276	22	--	--	479
Central Atlantic	142	--	142	96	--	--	45	4	22	189	42	540
Lower Atlantic	--	--	--	--	--	21	--	104	--	--	5	130
DISTRICT 1 TOTAL												
SEP. 29, 1989	278	--	278	96	--	21	90	384	44	189	47	1,149
SEP. 22, 1989	294	--	294	12	--	69	268	451	24	161	12	1,291
SEP. 15, 1989	264	--	264	78	--	80	226	444	12	106	17	1,227
SEP. 8, 1989	255	35	220	105	--	100	365	296	16	121	25	1,283
DISTRICTS 2-4 TOTAL												
SEP. 29, 1989	4	--	4	104	12	24	3	23	154	283	8	615
SEP. 22, 1989	6	--	6	--	--	38	5	5	106	289	41	490
SEP. 15, 1989	76	--	76	4	--	4	5	55*	216	457	153	1,040*
SEP. 8, 1989	5	--	5	40	--	[illegible]	7	5	107	339	174	721
DISTRICT 5 TOTAL												
SEP. 29, 1989	19	--	19	--	--	4	2	19	5	2	--	51
SEP. 22, 1989	13	--	13	--	--	17	5	11	5	3	--	54
SEP. 15, 1989	15	--	15	--	--	21	5	13	6	2	4	66
SEP. 8, 1989	12	--	12	--	--	20	7	10	6	3	--	58
TOTAL U.S.	301	--	301	200	12	49	95	426	203	474	55	1,815
TOTAL U.S. Weeks Ended:												
SEP. 22, 1989	313	--	313	12	--	124	278	467	135	453	53	1,835
SEP. 15, 1989	355	--	355	82	--	175	236	512*	234	565	174	2,333*
SEP. 8, 1989	272	35	237	145	--	164	379	311	129	463	199	2,062
SEP. 30, 1988	343	17	326	51	3	56	244	451	209	335	269	1,961

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

09/15/89	PAGE 5	RESIDUAL FUEL	DISTRICTS 2-4 TOTAL	55
			TOTAL U.S.	512
		TOTAL	DISTRICTS 2-4 TOTAL	1,040
			TOTAL U.S.	2,333
09/22/89	PAGE 2	LEADED MGAS	TEXAS GULF COAST	89
			DISTRICT 3 TOTAL	195
			TOTAL U.S.	710
			DISTRICTS 1-4	432
		UNLEADED MGAS	TEXAS GULF COAST	1,567
			DISTRICT 3 TOTAL	3,153
			TOTAL U.S.	6,554
			DISTRICTS 1-4	5,654
	PAGE 3	TOTAL MGAS	LOWER ATLANTIC	32,265
			DISTRICT 1 TOTAL	60,809
			TOTAL U.S.	219,198
			DISTRICTS 1-4	191,042
		LEADED MGAS	DISTRICT 3 TOTAL	4,352
			TOTAL U.S.	22,106
			DISTRICTS 1-4	16,675
		UNLEADED MGAS	LOWER ATLANTIC	29,437
			DISTRICT 1 TOTAL	52,964
			DISTRICT 3 TOTAL	44,379
			TOTAL U.S.	158,890
			DISTRICTS 1-4	143,643
		DISTILLATE FUEL	CENTRAL ATLANTIC	29,800
			DISTRICT 1 TOTAL	50,020
			TOTAL U.S.	122,811
			DISTRICTS 1-4	112,843
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,317
			TOTAL U.S.	5,611
		CRUDE OIL STOCKS	DISTRICT 5 TOTAL	77,092
			TOTAL U.S.	331,652
	PAGE 4 B	TOTAL	PAD DISTRICT 5	77,092
			TOTAL U.S.	331,652